

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002907**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A61N 5/06, A61N 5/08, 5/02, 5/04, A61B 10/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61N 5/06, A61N 5/08, 5/02, 5/04, A61B 10/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean patents and applications for inventions since 1975

Korean utility models and applications for utility models since 1975

Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

cKIPASS, CA CD, E-SPACENET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 404 881 A (Carhaud et al.) 11 April 1995 (11-04-1995) See the whole document	1-2
Y	KR 2000-31549 A (Cho, Dae Jin) 05 June 2000 (05-06-2000) See the whole document	1-2
Y	US 5 234 004 A (Hascot et al.) 10 August 1993 (10-08-1993) See the whole document	1-2
A	KR 20-170727 Y1 (Cho, Dae Jin) 30 November 1999 (30-11-1999) See the whole document	1-7
A	KR 20-326016 Y1 (Cho, Tae Hyun) 29 August 2003 (29-08-2003) See the whole document	1-7
A	KR 20-325750 Y1 (Kim, Hong Yool) 27 August 2003 (27-08-2003) See the whole document	1-7

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 FEBRUARY 2005 (25.02.2005)

Date of mailing of the international search report

25 FEBRUARY 2005 (25.02.2005)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Sun Kuk

Telephone No. 82-42-481-5587



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/002907

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5 404 881 A	11-04-1995	IL 97768 A0	21-06-1991
		WO 9115174 A1	05-04-1991
		CA 2059301 AA	07-10-1991
		EP 476118 A1	25-03-1992
		AT 155031 E	15-07-1997
		ES 2106077 T3	01-11-1997
		DE 69126754 C0	14-08-1997
		DK 476118 T3	16-02-1998
		FR 2660561 A1	11-10-1991
		JP 4506621 T2	19-11-1992
KR 2000-31549 A	05-06-2000	NONE	
US 5 234 004 A	10-08-1993	IL 92332 A0	26-07-1990
		CA 2031740 C	15-10-1996
		DE 8916291 U1	06-11-1997
		GR 3018153 T3	29-02-1996
		EP 370890 A1	30-05-1990
		AT 129910 E	15-11-1995
		ES 2022063 T3	01-10-1996
		FR 2639238 A1	25-05-1990
		JP 2180279 A2	13-07-1990
KR 20-170727 Y1	30-11-1999	NONE	
KR 20-326016 Y1	29-08-2003	NONE	
KR 20-325750 Y1	27-08-2003	NONE	